Panasonic
ideas for life

Protect. Manage.

Windows®. Life without Walls™. Panasonic recommends Windows 7.

THE TOUGHBOOK F9

The world's lightest 14" laptop.

In your world, great connections are a must. No matter where your work takes you or how you get there, you need a dependable laptop that can keep up and keep you online. Panasonic's new business-rugged Toughbook® F9 sports an integrated handle for ultra-portability, and offers optional Gobi™2000 mobile broadband so you can connect anywhere a cell phone can, anywhere on the planet. And with its strong magnesium alloy case and chassis, shock-mounted flex-connect hard drive and LCD, and spill-resistant design, you can rest assured that no matter where you go, your Toughbook F9 will work right alongside you.

THE NEW PANASONIC TOUGHBOOK F9.

Protect. Manage.

- *Widescreen LCD with DVD Multi Drive*
- *3.6 lbs. Lightweight Design*
- *Magnesium Alloy Case with Handle*
- *Drop and Spill-resistant*
- *Circular Scrolling*
- *Mobile Broadband-ready Design*

SOFTWARE
- Genuine Windows® 7 Professional (with XP downgrade option)
- Setup, Diagnostic, PC Information Viewer, Online Reference Manual, Adobe® Reader, Hard Disk Data Erase Utility, Recovery DVD, WinDVD 8, Roxio Creator® LJB

CPU
- Intel® Core™ i5-520M vPro™ processor
  - 2.40GHz with Turbo Boost up to 2.93GHz
  - Intel® Smart Cache 3MB

STORAGE & MEMORY
- 2GB SDRAM (DDR3-1066MHz) standard, expandable to 6GB[1,2]
- 320GB hard drive (shock-mounted, flex-connect and removable)[3]
- DVD Super MULTI Drive with Dual Layer Support

DISPLAY
- 14.1" widescreen 1440 x 900 WXGA+ LCD
- External video support up to 1920 x 1200 at 16.7 million colors
- Intel® QM57 video controller, max. 1024MB UMA VRAM on XP[4]
- Anti-glare screen treatment
- LED backlighting

AUDIO
- Intel® high-definition audio compliant
- Integrated stereo speakers
- Convenient keyboard volume controls (Fn+F5/F6 keys)

KEYBOARD & INPUT
- 87-key with dedicated Windows® key
- Electrostatic touchpad with circular scrolling

EXPANSION SLOTS
- PC card type II x 1 (not available with SmartCard reader)
- SD Card (SDHC)

INTERFACE

• Port replicator	78-pin
• VGA	D-sub 15-pin
• Headphones/speaker	Mini-jack stereo
• Microphone/line in	Mini-jack stereo
• USB 2.0 (x 3)	4-pin
• 10/100/1000 Ethernet	RJ-45
• 56K Modem	RJ-11

WIRELESS
- Optional integrated Gobi™2000 mobile broadband
- Intel® Centrino® Advanced-N 6200 802.11/a/b/g/n
- Bluetooth® v2.1 + EDR (Class 1)
- Security
  - Authentication: LEAP, WPA, 802.1x, EAP-TLS, EAP-FAST, PEAP
  - Encryption: CKIP, TKIP, 128-bit and 64-bit WEP, Hardware AES
- Slide on/off switch

POWER SUPPLY
- Lithium ion battery pack (10.8V, typical 5800mAh, minimum 5400mAh)
- Battery operation: 7 hours[5]
- Battery charging time: 3.5 hours off, 5 hours on[5]
- AC Adapter: AC 100V-240V 50/60Hz, auto sensing/switching worldwide power supply
- Pop-up, on-screen battery status reporting

POWER MANAGEMENT
- Suspend/Resume Function, Hibernation, Standby, ACPI BIOS
- Economy mode

SECURITY FEATURES
- Password Security: Supervisor, User, Hard Disk Lock
- Cable lock slot
- Trusted platform module (TPM) security chip v.1.2
- Computrace® theft protection agent in BIOS[6]
- Intel® Anti-Theft Technology
- Optional fingerprint reader
- Optional SmartCard reader (eliminates PC card slot)

WARRANTY
- 3-year limited warranty, parts and labor

DIMENSIONS & WEIGHT
- 9.9"(L) x 12.8"(W) x 1.0"/1.9"(H) front/rear
- 3.6 lbs.

INTEGRATED OPTIONS[7]
- Gobi™2000 mobile broadband (EV-DO Rev. A, HSPA)
- SmartCard reader (eliminates PC card slot)
- Fingerprint reader

ACCESSORIES[7]

• AC Adapter (3-pin)	CF-AA6503AM
• Lithium Ion Battery Pack	CF-VZSU56U
• LIND Car Adapter 120W	CF-LNDDC120
• LIND Car Adapter 120W Mounting Bracket	CF-LNDBRK120
• LIND Car/AC Adapter 90W (with USB port)	CF-LNDACDC90
• LIND Shutdown Timer	CF-LNDLPT
• InfoCase ComUniversal Carrying Case (large capacity)	7540-P
• InfoCase Business-rugged Top-loading Case	FM-BRTL-P
• InfoCase ComUniversal Roller	TM-UNIVRLR-P
• InfoCase Backpack	TM-UNIVBPK-P
• External USB Floppy Drive	CF-VFDU03U
• Mini Dock Box Replicator	CF-VEBU08U
• Desktop Port Replicator	CF-VEBF81W
• Memory Cards	
– 2GB DDR3	CF-WMBA902GF
– 4GB DDR3	CF-WMBA904G
• DisplayPort to HDMI Adapter	TTDPHDMI

Please consult your reseller or Panasonic representative before purchasing.

[1]Total usable memory will be less depending upon actual system configuration.

[2]1GB = 1,000,000,000 bytes.

[3]Hard drive removal should only be attempted by a technician with the proper equipment.

[4]The size of the VRAM cannot be set by the user and varies by operating system as well as size of RAM. Windows 7 max. VRAM is 763MB with 2GB of memory, or 1435MB with 4GB of memory.

[5]Battery performance features such as charge time and life span can vary according to the conditions under which the computer and battery are used. Battery operation and recharge times will vary based on many factors, including screen brightness, applications, features, power management, battery conditioning and other customer preferences. Battery testing results from MobileMark 2007.

[6]Requires software and activation to enable theft protection.

[7]Accessories and Integrated Options may vary depending on your notebook configuration.

1.800.662.3537 / panasonic.com/toughbook/F9

Financing options now available from Panasonic Finance Solutions; please call number above for more details.

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TOUGHBOOK